

Human Osteoclast Associated Receptor (OSCAR) ELISA Kit | OSCAR elisa kit

Human Osteoclast Associated Receptor (OSCAR) ELISA Kit

CATALOG #
AAA66154

REACTIVITY
Human

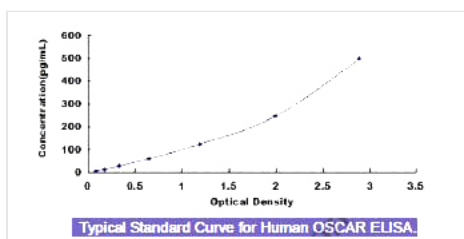
PRODUCT SYNONYMS

Osteoclast Associated Receptor (OSCAR); Human Osteoclast Associated Receptor (OSCAR) ELISA Kit; PFD1; Prefoldin subunit 1; OSCAR elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of OSCAR. No significant cross-reactivity or interference between OSCAR and analogues was observed.
Sequence Length	282
Samples	Serum, plasma, tissue homogenates and other biological fluids.
Assay Type	Sandwich
Detection Range	0.312-20ng/mL
Sensitivity	0.136ng/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level OSCAR were tested 20 times on one plate, respectively. Intra-Assay: CV<10%
Inter-assay Precision	Inter-assay Precision (Precision between assays): 3 samples with low, middle and high level OSCAR were tested on 3 different plates, 8 replicates in each plate. CV(%) = SD/meanX100. Inter-Assay: CV<12%
Preparation and Storage	For unopened kit, all reagents should be kept according to the labels on vials. The TMB Substrate, Wash Buffer, Stop Solution should be stored at 4 degree C. All others should be stored at -20 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for OSCAR elisa kit	Intended Uses: The kit is a sandwich enzyme immunoassay for in vitro quantitative measurement of OSCAR in human serum, plasma, tissue homogenates and other biological fluids. Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to OSCAR. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific to OSCAR. Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. After TMB substrate solution is added, only those wells that contain OSCAR, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450nm +/- 10nm. The concentration of OSCAR in the samples is then determined by comparing the O.D. of the samples to the standard curve.
---	--

NCBI AND UNIPROT INFORMATION

NCBI GI #	537544647
NCBI GeneID	126014
NCBI Accession #	NP_001269278.1
NCBI GenBank Nucleotide #	NM_001282349.1
UniProt Accession #	Q8IYS5; Q5GRG5; Q8N763; Q8NHL4; Q8WXQ0; Q8WXQ1; Q8WXQ2; B7WNS2
Molecular Weight	27,629 Da
NCBI Official Full Name	osteoclast-associated immunoglobulin-like receptor isoform 6
NCBI Official Synonym Full Names	osteoclast associated, immunoglobulin-like receptor
NCBI Official Symbol	OSCAR
NCBI Official Synonym Symbols	PIGR3; PIgR-3
NCBI Protein Information	osteoclast-associated immunoglobulin-like receptor
UniProt Protein Name	Osteoclast-associated immunoglobulin-like receptor
UniProt Gene Name	OSCAR
UniProt Synonym Gene Names	Osteoclast-associated receptor; hOSCAR; PIgR-3; PIgR3; Poly-Ig receptor 3

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.